



# The Gazette of India

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Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 7th December 1963

#### Special Notice

The undermentioned publications which have hitherto been sold by the In-Charge, Government of India Book Depot, 8, Hastings Street, Calcutta have been transferred to the Patent Office, 214, Lower Circular Road, Calcutta-17 and copies thereof will henceforth be sold by the Patent Office.

Printed Specifications Nos. 68,001 to 72,000.

2. Copies of the specifications Nos. 1 to 68,000 would also continue to be sold by the Patent Office as before.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th November 1963

- 90825. I. G. Parekh. Quick-hot water heater.
- 90826. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements in a receiver suited for the reception of a signal which is, entirely or partially, a single-sideband signal.
- 90827. The Standard Oil Company. A process for the preparation of cyanogen halides. [Divisional date 11th September 1962].
- 90828. Centra Anstalt. Machine for the continuous dosed filling and the automatic hermetic closing of plastic bags.
- 90829. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Hexahydrophenanthrene carboxylic acid and process for the manufacture thereof.
- 90830. Elektrophysikalische Anstalt Bernhard Berghaus. Method and means for treating articles on all sides.
- 90831. Dunlop Rubber Company Limited. Method of making rolling lobe diaphragms. (22nd November 1962).
- 90832. Westinghouse Brake and Signal Company Limited. Valves (11th December 1962).
- 90833. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Method for melting artificial scrap.
- 90834. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Low-chromium alloy steel and process of making the same.
- 90835. H. Holloway. Improvements in or relating to a system for shooting wide screen pictures.

18th November 1963

- 90836. Atomic Energy Establishment, Trombay. Semiconductor materials for thermoelectric refrigeration and power generation, produced by directional freezing methods.
- 90837. Atomic Energy Establishment, Trombay. Silicon zener diodes.
- 90838. Atomic Energy Establishment, Trombay. Silicon rectifiers of low, medium and high power.
- 90839. Atomic Energy Establishment, Trombay. Pyrolytic carbon film resistors with turned brass caps.
- 90840. Unilever Limited. Dehydration of Vegetables. (19th November 1962).
- 90841. Westinghouse Electric Corporation. Workpiece shape control apparatus.
- 90842. W. F. DePenning. Process for the production of acetone for the production of acetone-formaldehyde condensations products.
- 90843. Roussel-Uclaf. Improvements in or relating to the preparation of certain substituted tetralones, and the compounds thus prepared. (12th December 1962).
- 90844. Socony Mobil Oil Company Incorporated. Lubricating oil composition containing calcium acetate and lubricating solids. (18th December 1962).
- 90845. Union Carbide Corporation. Thermoplastic bag.
- 90846. Deering Milliken Research Corporation. Improvements in or relating to production of fabrics.
- 90847. Deering Milliken Research Corporation. Process of preparing fabrics.
- 90848. Diamond Alkali Company. Pesticidal compositions.
- 90849. International Rectifier Corporation. Formation of semiconductor devices by epitaxial deposition.
- 90850. African Explosives and Chemical Industries, Limited. Improvements in and relating to electrode assemblies.
- 90851. S. Smith & Sons (England) Limited. Improvements in or relating to aircraft instruments. (20th November 1962).
- 90852. Minister of Aviation in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Ireland. Improvements in or relating to arrester gear for aircraft. (23rd November 1962).
- 90853. Texas-U.S. Chemical Company. Organomagnesium compounds.

90854. Sheritt Gordon Mines Limited. Promotion agents in the sulphation of oxidized nickel and cobalt bearing ores. (13th December 1962).

90855. Adrema-Werke G.m.b.H. Aluminium foil blank for producing address printing plates and method therefor.

90856. C. A. V. Limited. Couplings. (19th November 1962).

90857. Phillips Petroleum Company. Improvements in or relating to butadiene polymerization and catalyst therefor.

90858. Hitachi Ltd. Operational magnetic amplifier.

90859. Didier-Werke A. G. Chamotte fireclay for refractory products and process for the production thereof.

90860. Zavody V. I. Lenina Plzen, Narodni Podnik. A regenerative heat transmitter.

90861. Asahi Kasei Kogyo Kabushiki Kaisha. A process for the polymerization of propylene.

90862. Asahi Kasei Kogyo Kabushiki Kaisha. A process for the polymerization of propylene.

90863. K. Haussermann and H. Haussermann. Friction clutch for motor vehicles.

19th November 1963

90864. Chinoi Gyogyszer-es Vegyeszeti Termekek Gyara RT. Chemical compounds.

90865. B. Nandan. Improvements in or relating to pilferage proof manhole and gulley-pit covers.

90866. Dr. A. C. Pani. Dr. A. C. Pani's tooth brush.

90867. AMP Incorporated. Improvements in electrical connections to electrically conductive foil. [Addition to No. 84134].

90868. Allied Chemical Corporation. Process for producing stable diisocyanate compositions.

90869. Imperial Chemical Industries Limited. Improvements in and relating to granular compositions. (28th November 1962).

90870. Glaverbel. Process and installation for drawing a continuous ribbon of glass on a bath of molten material.

90871. Compagnie Francaise Thomson-Houston. Wire winding machine.

90872. Boehringer Ingelheim G.m.b.H. Chemical compounds.

90873. Sperry Rand Corporation. Indexing mechanism for sheet feeding means.

90874. Sperry Rand Corporation. Registration mechanism for sheet feeding means.

90875. Sonic Development Corporation of America. Sonic pressure wave generator.

90876. E. M. Barcelo. Improved device for formation of concrete walls for construction purposes.

90877. Pilkington Brothers Limited. Improvements in or relating to the drawing of sheets of glass. (20th November 1962).

90878. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (20th November 1962).

90879. Deering Milliken Research Corporation. Improvements in or relating to keratin fibres.

90880. Deering Milliken Research Corporation. Process of preparing fabrics.

90881. C. M. Lee. Cooking or like heating appliances. (20th November 1962).

90882. Preformed Line Products Company. Full tension appliance for reinforced linear bodies.

90883. Allied Tube & Conduit Corporation. Continuous tube forming and galvanizing.

90884. D. Vukojicic. Process for manufacturing carpets and the like.

90885. N. V. Onderzoekingsinstituut Research. Method for joining multifilament threads and apparatus therefor.

20th November 1963

90886. M. P. Chitale. Typewriters for typing Sanskrit, Marathi, Hindi, and all other Indian Languages.

90887. C. Vora. Safety razors.

90888. American Cyanamid Company. Rock bolting.

90889. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (20th November 1962).

90890. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (20th November 1962).

90891. Itt Bell & Gossett Inc. Evaporator with oil return means.

90892. Dr. Beck & Company G.m.b.H. Process for the preparation of electrically insulating material.

90893. Nippon Electric Company Limited. Inter-metallic compound semiconductor devices.

90894. Nippon Electric Company Limited. Semiconductor device.

90895. Ciba Limited. Manufacture of a new amine.

90896. Ciba Limited. Process for the manufacture of A-nor-B-homo-steroids.

90897. Rhone-Poulenc S. A. Guanidine derivatives.

90898. Leesona Corporation. Yarn winding machine.

90899. Automotive Products Company Limited. Improvements in or relating to master cylinders for liquid pressure control systems. (17th December 1962).

90900. W. N. Bolt. Improvements in the handling of goods during processing or treatment. (27th November 1962).

90901. Shell Internationale Research Maatschappij N. V. Mooring buoy.

90902. Shell Internationale Research Maatschappij N. V. Process for the isomerization of light hydrocarbons.

90903. Grinnell Corporation. Textile machinery cleaning apparatus.

90904. Wartmann & Cie AG. Water purification process and plant.

21st November 1963

90905. S. K. Sharma. Improvements relating to tube-well pumps.

90906. Council of Scientific and Industrial Research. Improvements in or relating to relay operated sequential switching devices.

90907. Council of Scientific and Industrial Research. A process for the recovery of elemental sulphur and/or production of sulphur dioxide from pyrites.

90908. C. S. Raju. Dual-duty centrifugal pump.

90909. Ciba Limited. Pharmaceutical preparations.

90910. Associated Electrical Industries Limited. Improvements relating to electrical radiant heaters. (22nd November 1962).

90911. Kernreaktor Bau-und Betriebs-Gesellschaft m.b.H. Steam generator, particularly for use with nuclear reactors.

90912. Standard Telephones and Cables Limited. Contrast control circuit.

90913. The Standard Oil Company. Process for preparing olefinically unsaturated nitriles. (11th October 1963).

90914. Dr. Beck & Co. G.m.b.H. Preparation of synthetic resins.

90915. The British Petroleum Company Limited. Improvements relating to catalysts and their use. (12th December 1962).

90916. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Improvements in or relating to producing sodium cyanide. (11th July 1963).

90917. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for preparing sodium cyanide. (2nd August 1963).
90918. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for making cyclohexanone-oxime. (10th May 1963).
90919. Compagnie Du Filage Des Metaux Et Des Joints Curty (Cefilac). Improvements in and relating to a method of an apparatus for the uniform distribution of a pulverulent lubricant on the upper face of a billet to be perforated. (28th May 1963).
90920. Knapsack-Griesheim Aktiengesellschaft. Purification of crude gas obtained by thermal arc splitting of hydrocarbons.
90921. Sur Iron & Steel Co., Private Ltd. Improvements in or relating to devices for controlling the current or the voltage in transformer equipments.
90922. E. I. du Pont, de Nemours & Company. Explosive cord and assembly.
90923. Siemens-Schuckertwerke Aktiengesellschaft. A process for the production of a doped zone in a body of semi-conductor material.
90924. Metallgesellschaft A. G. Process for hard-burning of pellets of oxide iron ores.
90925. Spofa, Sdruzeni podniku pro zdravotnickou vyrobu. A method of preparing new 6-11-dihydrodibenz (B, E) thiepine derivatives.
90926. R. Koreska. Improvements in or relating to copying materials.
90927. Aktiebolaget Karlstads Mekaniska Werkstad. Apparatus for making formed fibrous webs. (26th November 1962).
90928. Union Carbide Corporation. Preparing foam backed sheeting.
90929. Dorr-Oliver Incorporated. Screen with open conduit feed.
90930. Halcon International, Inc. Chemical process.
90931. Imperial Chemical Industries Limited. Treatment of shaped articles. (3rd December 1962). [Addition to No. 63821].
90932. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of plastic tubes. (3rd December 1962). [Addition to No. 57364].
90933. Rohm & Haas Company. Oil-soluble copolymers. 22nd November 1963
90934. B. A. Patel. An improved method of making aerated waters.
90935. Socony Mobil Oil Company, Inc. Conversion process.
90936. Socony Mobil Oil Company, Inc. Catalytic conversion.
90937. Deering Milliken Research Corporation. Improvements in or relating to treatment of textile fibres.
90938. Standard Telephones and Cables Limited. Circuit arrangement to provide fouling protection in geographic interlocking systems.
90939. Standard Telephones and Cables Limited. Circuit arrangement to engage switch-points in geographic interlocking systems.
90940. Standard Telephones and Cables Limited. Circuit arrangement to control the fouling protection in geographic interlocking systems.
90941. Standard Telephones and Cables Limited. Circuit arrangement to release the fouling protection in geographic interlocking systems.
90942. Standard Telephones and Cables Limited. Image transmission system and method.
90943. Cassella Farbwerke Mamkur Aktiengesellschaft. Process for producing dyestuffs of the anthraquinoneazaine series.
90944. Ciba Limited. Process for optically brightening organic materials.

90945. Automotive Products Company Limited. Improvements in and relating to disc brakes. (22nd November 1963).

90946. M & T Chemicals Inc. Product and process.

90947. The English Electric Company Limited. Electric closed-loop regulating means. (23rd November 1962).

90948. Metallgesellschaft Aktiengesellschaft and Suddeutsche Kalkstickstoff-Werke Aktiengesellschaft. Master alloy for the treatment of iron and steel melts. (27th August 1963).

90949. Massey-Ferguson Inc. Liquid fertilizer distributing apparatus.

#### Alteration of date

82732. The claim to priority date 4th June 1962 has been disallowed and the application dated as of 13th June 1962, the date of filing in India.

83816. The claim to priority date 11th September 1961 has been cancelled and the application dated as of 21st August 1962, the date of filing in India.

85496. Ante-dated to 21st February 1962 under Section 5 of the Act.

85497. Ante-dated to 21st February 1962 under Section 5 of the Act.

85498. Ante-dated to 21st February 1962 under Section 5 of the Act.

89551. Ante-dated to 28th February 1962 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

80813. B. P. Tatarnikov. A vibrating machine for sinking piles, thin-walled cylindrical casings and plates. Accepted on 16th November 1963.

*Comprising an electric motor mounted on the body comprising a conical housing connected to the body of the machine and tightly enclosing a cone.*

80829. Maschinenbau-Aktiengesellschaft Balcke. Trickle water cooler fittings. Accepted on 18th November 1963.

*Characterised in that the trickle plates are provided with openings making up 50% or more of opened area of the entire surface area of the trickle plate.*

80830. Maschinenbau-Aktiengesellschaft Balcke. Means for cooling water by means of air, especially in trickle coolers. Accepted on 18th November 1963.

*Characterised in that each trickle plate has horizontal slots adjacent and beneath one another and one or more grooves between said slots.*

80846. S. Nakanishi. Copolymer composition. Accepted on 19th November 1963.

*Wherein the monomers are mixed with acrylonitrile and/or methacrylonitrile in an amount less than 20% copolymerizing it and subjecting the copolymer to reaction with a polar reagent.*

- 80860 Metal & Thermit Corporation Improvements in or relating to the production of coatings or deposits on aluminum Accepted on 20th November 1963  
*Immersing cleaned aluminium in aqueous solution containing from 23 g/l to 59 g/l of Sn + 4, 15 g/l to 38 g/l of free alkali metal cyanide 3 g/l to 12 g/l of alkali metal hydroxide*
- 80861 T Kasai Novel imide compounds of naphthalic acid and process for producing the same Accepted on 20th November 1963  
*Condensing a compound of 4-alkoxy-naphthalic acid with a compound belonging to ammonia and primary amines*
- 80885 Aktiebolaget Separator Method of concentrating liquids by evaporating with the use of a heat exchanger Accepted on 21st November 1963  
*Characterized in admitting the liquid to be evaporated in every second of the channels between the mantles at their smaller diameter and discharging the liquid from these channels at the larger diameter of the mantles*
- 80890 Miles Laboratories Inc Cellulosic fibres having improved properties and process of making same Accepted on 20th November 1963  
*By treating aqueous suspension of cellulosic material with a cationically reactive coupling agent and an aqueous dispersion of a dialdehyde polysaccharide*
- 80905, M K Panchal, P G Shah and L C Panchal Improvements in or relating to developing and washing machines used in textile industries Accepted on 21st November 1963  
*The said machine is fitted with a planetary gear box accommodating a set of sun and planet wheels, the sun wheel being connected to the main roller of the said machine and operating the drum of the gear box*
- 80933 Her Britannic Majesty's Principal Secretary of State for the War Department Improvements in or relating to linkwork Accepted on 19th November 1963  
*Wherein the links are tubular for the passage therethrough of liquid to control the temperature of the links*
- 80965, Miles Laboratories, Inc Process for the production of polymeric nitrogenous dialdehydes and polymeric quaternary ammonium dialdehydes and compositions of matter containing them, suitable for use in making wet strength paper Accepted on 20th November 1963  
*Slurrying a nitrogen containing starch and adding an aqueous solution of sodium meta periodate.*
- 80966 R. M. Shah An improved churning device Accepted on 21st November 1963  
*Characterized in that the to-and-fro movement is caused by a spring actuated connector pivotally fitted on the top of a spindle guide fixed on said female worm*
- 81101 Preparation Industrielle Des Combustibles Improvements in or relating to devices for the separation of particles in suspension in a fluid Accepted on 18th November 1963  
*Comprising a centrifuging unit consisting essentially of two common cylindrical tube disposed in concentric relationship and are conveniently adjustable longitudinally*
- 81141 Preparation Industrielle Des Combustibles Improvements in or relating to aerobic fermentation of sewage, garbage and the like granulated materials Accepted on 18th November 1963  
*Two tanks being normally closed below by an extractor actuable to tear-up and remove from tanks the material being fermented and means for conveying the material from one tank to the top of some other tank for complete fermentation*
- 81394 Montecatini Societa Generale Per L'Industria Mineraria E Chimica Process for the production of urea from ammoniacal vapours containing carbon dioxide Accepted on 18th November 1963  
*Absorbing ammoniacal vapours in mixer with ammoniacal tail vapours containing water and pumping same into reaction column*
- 81461 Preparation Industrielle Des Combustibles Improvements in or relating to gas filtering devices Accepted on 16th November 1963  
*Gas permeable filter sleeves having one end open and the other end closed and arranged to be alternately tensioned and relaxed*
- 81488 C S Rao Recovery of sandalwood oil and like oils from their effluents Accepted on 16th November 1963  
*Comprises passing the effluent through perforated pans containing the spent dust of the respective essential oils to absorb all the oil held in emulsion and recovering the oil in solution by cooling through pipes and solvent extraction and recovering the oil from spent dust by steam distillation after sun drying*
- 81746 Chloride Batteries Limited Improvements relating to the plates of electric accumulators (19th April 1961) Accepted on 21st November 1963  
*Walls of individual tubes of the tubular type plates consist of non woven felt like fabric made from fibres of an acid resisting thermoplastic resin*
- 81817 S Tanaka A therapeutic magnetic device for personal wear Accepted on 21st November 1963  
*Includes a plurality of spaced permanent magnets which in use provides a substantial number of lines of force to pass through the body or limb around which the device is being worn*
- 81998 Ciba Limited New acylated tetramino-anthraquinones and process for their manufacture Accepted on 16th November 1963  
*Wherein an a-diamino anthraquinone which contains a halogen atom is reacted with a cyclic imide of a dicarboxylic acid or with an aryl sulfonamide and the product obtained is diacylated*
- 82242 Cromelite (India) Private Ltd Folding chair Accepted on 16th November 1963  
*The seat frame being connected at or about its rear ends to the back frame through securing elements the front frame and the back frame being connected to each other by connecting links and the arm rest being pivotally connected at one end to the front frame and is connected to the back frame through a link*
- 82262 Thomas H Miner and Associates Inc Permanent magnet ferrite Accepted on 16th November 1963  
*Comprising providing a finely divided intimate mixture of a major proportion of barium or strontium ferrite and a minor proportion of barium or strontium manganite moulding mixture, and sintering the moulded product for from one half hour to six hours at a temperature in the range of about 2100°F to 2400°F in an oxidising atmosphere*
- 82268 General Electric Company Improvements in or relating to "magnets" Accepted on 16th November 1963  
*Comprising a plurality of elongated particles of iron nickel, cobalt or alloys thereof joined together into an integral magnet body the particles being in the form of whiskers having an essentially constant diameter of not more than 1000°A*

82270. Vdo Tachometer Werke Adolf Schindling GMBH. Indicator or indicating arrangement for measuring instruments used on the dash board of a motor car, with printed circuit. Accepted on 16th November 1963.
- Dial of the measuring instrument being connected with carrier plate of the printed circuit and the marks of the dial being attached to the outside of the carrier plate in form of a electroluminescent layer between two electrodes.*
82274. E. I. du Pont de Nemours and Company. Improvements relating to the vulcanisation of polymers and shaped vulcanised articles produced therefrom. Accepted on 16th November 1963.
- Comprising a butadiene-styrene co-polymer and bis (2-6 dimethylmorpholiniothiocarbonyl) monosulphide.*
82280. United States Steel Corporation. A method of nitriding steel particularly strip steel. Accepted on 16th November 1963.
- Heating steel in nitriding atmosphere to form a nitrogen-rich outer case and thereafter heating it in an atmosphere free of nitriding agents to a temperature above the recrystallisation temperature of steel.*
82287. S. B. Sirera. A process and apparatus for the manufacturing of fibro-cement articles. Accepted on 18th November 1963.
- Introducing in a chamber of a hollow moulding body of permeable walls, accompanied or not with satellite bodies into a chamber, closing the chamber and injecting fluid paste of cement asbestos and water under pressure till chamber being filled, forming bodies being submerged in fluid mass, turning movement being imparted to the hollow bodies inside the mass.*
82295. Babcock & Wilcox Limited. Improvements in or relating to heat exchangers. Accepted on 16th November 1963.
- Manifold being formed with stubs adapted for the connection thereto of respective tubes by welding and including a tubular part welded to a stub on a header.*
82298. FMC Corporation. Shaped articles of cellulosic material containing cellulose crystallite aggregates. Accepted on 18th November 1963.
- The method comprises forming a mixture of the cellulosic material and the cellulose crystallite aggregates, shaping a solution of said cellulosic material and aggregates to form the article and coagulating the cellulosic material to solidify the article.*
82312. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing or printing shaped structures of linear aromatic polyesters. Accepted on 18th November 1963.
- Wherein the shaped structure is treated with an aqueous dispersion of a dyestuff prepared by coupling diazotized ortho-nitranilines with the corresponding esters of 2-hydroxy-3-naphthoic acid.*
82315. Lindaco Aktiebolag. Sheet-collator. (19th May 1961). Accepted on 18th November 1963.
- Wherein the bins are flatwise juxtapositioned so that anti-friction means will be situated in a common plane and sheet ejectors are arranged to project a portion of outermost sheet above the plane.*
82321. Pittsburgh Plate Glass Company. Process and apparatus for producing glass in ribbon form. Accepted on 18th November 1963.
- Cooling the sides of a continuous ribbon withdrawn from a pool of molten glass in a zone spaced from the surface of the bath increasing or decreasing the supply of heat according to thickness of the ribbon.*
82325. Celanese Corporation of America. Filamentary materials comprising an oxymethylene polymer and method of improving the properties of such filamentary material. Accepted on 16th November 1963.
- Heating the filamentary material between 5 to 45°C below the crystalline melting point of the polymer while maintaining said filamentary material under tension.*
82333. G. S. Kfoury. Apparatus for playing a ball game. Accepted on 19th November 1963.
- A post at one end of which a helical member secured coaxially, a slide mounted on helical member, a cord connected at one end to a ball and its opposite end to the slide.*
82357. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method for an ionic polymerization. [Addition to No. 72738]. Accepted on 20th November 1963.
- Wherein aryldiazonium salts of perchloric acid and/or aryldiazonium salts of perfluorocarboxylic acids are used for initiating the polymerization.*
82362. Basic Products Corporation. Power modulator. Accepted on 21st November 1963.
- Including a high leakage reactance transformer core having at least one magnetic shunt path with an air gap therein.*
82377. Monsanto Chemical Company. Multi-lobal textile filaments. Accepted on 21st November 1963.
- Characterized by having an area ratio and perimeter ratio within the range represented by the area encompassed by a polygon.*
82386. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the manufacture of omega-lactams. Accepted on 20th November 1963.
- Treating cycloalkanecarboxylic acid with 7-12 carbon atoms in the ring dissolved in a solvent, with a nitrosylating agent.*
82404. Halcon International, Inc., formerly known as Scientific Design Company Inc. Process for the production of esters by catalytic vapour phase reaction. Accepted on 21st November 1963.
- Purging the catalyst with a non-destructive gas during shut down of the operation where-by catalyst activity is maintained.*
82405. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for the recovery of hydrogen chloride and excess propylene from the reaction mixture obtained by the thermal chlorination of propylene. Accepted on 21st November 1963.
- Comprises separation of organic chlorides leaving a mixture of propylene and hydrogen chloride, contacting said mixture with substantially azeotropic aqueous hydrogen chloride solution to absorb the hydrogen chloride and separating the propylene, stripping propylene from the resulting aqueous solution and passing the stripped propylene to the hydrogen chloride absorbing step, and separating anhydrous hydrogen chloride from the aqueous solution, the residual azeotropic aqueous hydrogen chloride solution being fed to the hydrogen chloride absorption step.*
82413. Miles Laboratories, Inc. Cationic oxidized starch products. Accepted on 20th November 1963.
- Reacting oxidized starch in acidic aqueous medium with a nitrogen containing compound selected from the group consisting of a water-soluble hydrazine containing a tertiary nitrogen atom a water soluble hydrazine containing a quaternary nitrogen atom and a water soluble hydrazide containing a quaternary nitrogen atom.*

82417. Montecatini, Societa Generale Per L'Industria Mineraria E Chimica. Process for polymerizing alpha-olefins. Accepted on 16th November 1963.

*In the presence of highly stereospecific catalytic systems based on aluminium dialkyl monohalides and activated TiCl<sub>3</sub> which process carried out in the presence of an easily dosable agent.*

82427. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to flyback driven time-base circuit arrangements. Accepted on 21st November 1963.

*Of the kind employing a semiconducting switching element wherein a saw tooth current is generated in a cathode-ray tube deflection coil during the non-conductive state of the switching device and wherein energy is fed back to the supply source during the said non-conductive state.*

82443. Strategic Patents Limited. Electric furnace and process of operating the same. Accepted on 22nd November 1963.

*The process comprises the steps of establishing and maintaining a molten slag bath within an arc electric furnace wherein the rate of introduction of raw charge is controlled with respect of the rate of smelting to maintain a naturally banked column of raw charge material floating on the surface of said slag bath.*

82478. Smith, Stanistreet & Co., Ltd. Improvements in or relating to the manufacture of 2-hydroxy- $\alpha$ -naphthoquinone. Accepted on 21st November 1963.

*By subjecting a triacyloxy derivative of naphthalene to the steps of hydrolysis and oxidation by methods known per se.*

82507. Dr. Beck & Co. G.m.b.H. Hardenable composition consisting of hardenable synthetic resins. Accepted on 18th November 1963.

*Comprising a hardenable synthetic resin and a glycidyl ether of a heterocyclically substituted alcohol.*

82512. General Electric Company. Encapsulated coils for electromagnetic induction devices and method of making such coils. Accepted on 22nd November 1963.

*Spacing means are provided to space the core from the encapsulating material and to form a cavity of predetermined dimensions therebetween and the said cavity is substantially filled with fluid dielectric.*

82524. Metal & Thermit Corporation. Preparation of polyurethanes and catalyst composition used therefor. Accepted on 22nd November 1963.

*Mixing a polyalkylene polyol, an organic polyfunctional isocyanate, water and a catalytic amount of a gel catalyst and a blowing catalyst.*

82526. International Business Machines Corporation. Wide-record narrow-read magnetic heat. Accepted on 18th November 1963.

*Comprising a magnetic core having a pair of spaced faces forming a gap and a member disposed at each end of the gap and having a magnetic permeability greater than that of the gap.*

82533. Sperry Rand Corporation. Control panel mounting means. Accepted on 22nd November 1963.

*U-shaped member containing grooves on its inner side to receive a slidable mounted cover and that a substantially C-profiled member being formed on at least one leg of the U-profiled member and said C-shaped member being adapted to receive a nomenclature strip therein.*

82593. G. C. A. Rubeli. Improvements in or relating to sliding clasp fasteners. Accepted on 22nd November 1963.

*Wherein each fastener element of the opposed series has a body portion which is moulded or cast onto the associated carrier tape so that, when the opposed elements are brought into interlocking arrangement, the adjacent edge portions of the tape will be folded over and the folded edges towards one another to overlie or cover the fastener elements.*

82622. American Radiator & Standard Sanitary Corporation. Cooling means for refrigerant compressor motors. (5th June 1961). Accepted on 22nd November 1963.

*Including a condenser and evaporator operably connected and having liquid refrigerant therein, means for introducing liquid refrigerant into direct contact with the interior parts of the machine from the recirculating system at a pressure greater than supply pressure from the system.*

82681. Sandoz Ltd. Reactive azo dyes and process for dyeing therewith. [Addition to No. 77319]. Accepted on 19th November 1963.

*Water-soluble mono- or disazo dyes bearing at least one aryl radical of benzene or naphthalene series bound through an O-atom are reacted with reaction products of formaldehyde and amides of aliphatic halogeno carboxylic acids.*

82732. Les Emballages De Quevilly. Method of manufacture of multiwall paper bags and machine for the practical application for the said method. Accepted on 21st November 1963.

*Characterized in that the longitudinal sealing joint of the inner waterproof wall is continuously formed over a marginal portion of the width of a hem along one of the longitudinal edges of said wall.*

82849. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. [Addition to No. 70267]. Accepted on 16th November 1963.

*Improvement in Indian Patent Specification No. 70267 wherein a plurality of spring fingers are disposed in spaced relationship around the inner periphery of the annulus and an inflatable member is located between at least a portion of each of fingers and annulus.*

82918. Sperry Rand Corporation. Parallel adder with fast carry network. Accepted on 21st November 1963.

*Includes means to introduce the signals representative of the multidigit number in adder stages simultaneously with the arrival of the selectively transferred output digits of the adder.*

82950. Tor-Isteg Steel Corporation Societe Anonyme Holding. Process for the production of steel rods, more especially concrete reinforcing rods. Accepted on 18th November 1963.

*Hot rolled steel is subjected to quenching in a cooling liquid to a temperature considerably above 50°C, without subsequent heat-treatment.*

83005. Miniwheel Limited. An improved buckle. Accepted on 22nd November 1963.

*Comprising a base plate that is formed with two hooked ends, the hooks being dissimilar to each other, each being adapted to engage a different type of anchor, and a reversible clamping jaw straddled by two lateral slots.*

83072. Ancar AG. Support members having a pigment coating suitable for writing transfer. Accepted on 21st November 1963.

*Characterized in that the colour layer of the writing sheets is provided with a thin coating of colour-covering layer matched to the colour shade of the paper and fast to handling and water.*

83257. Societe D'Etudes Chimiques Pour L'Industrie & L'Agriculture, (Secpia). Process for preparing alkali metal and alkaline earth metal bromides. Accepted on 22nd November 1963.

*Treating  $2(X + Y)$  mols. of hypobromide with X of bromine and Y of chlorine of pH of 10-12.5.*

83400. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of an aqueous dispersion of a graft polymer. (4th May 1962). Accepted on 20th November 1963.

*Polymerising a mixture of (1) ethylenically unsaturated co-polymer, epoxide compound and as a grafting component at least one ethylenically unsaturated monomer.*

83402. Eduard Kusters Maschinenfabrik, Roller, especially a calender, for the pressure treatment of products in continuous strip form. Accepted on 16th November 1963.

*The roller is formed by a tubular, hollow cylinder of polyamide forming the inner periphery of the roller and having an inner support.*

83656. Nippon Junsuiso Kabushiki Kaisha. Palladium alloy permeable wall for the separation and purification of hydrogen. (11th August 1961). Accepted on 19th November 1963.

*Consists of 2-40% of at least one element in the I b group, 0.1-20% of at least one element in the VIII group of the Periodic Table and the remainder Pd.*

83693. Engelhard Hanovia, Inc. Method of bonding coatings. Accepted on 18th November 1963.

*Comprises treating a surface of the base with a solution containing essentially an arsenic compound, applying a coating material on the treated surface and permitting the material to bond to the base.*

83736. Phillips Petroleum Company. Improvements in or relating to the production of rubbery polymers. Accepted on 18th November 1963.

*1:3-butadiene with a catalyst system obtained by intermixing (1) an organometal hydride and (2) a component selected from (a) titanium tetraiodide, (b) a mixture of titanium tetraiodide and titanium tetrachloride and (c) a mixture of iodine and a titanium halide.*

83790. Gulf Research & Development Company. Process for oxidizing saturated cyclic hydrocarbons to aliphatic dibasic acids. Accepted on 18th November 1963.

*Saturated cyclic hydrocarbons is reacted under oxidation conditions in the presence of a solvent and a catalyst, the molar ratio of said solvent to said hydrocarbons is between 1.5:1 and 7:1, the molar ratio of said catalyst to said hydrocarbon is at least 5 millimoles per mole.*

83816. The British Petroleum Company Limited. Improvements relating to the regeneration of catalysts. Accepted on 22nd November 1963.

*Comprising contacting the catalyst at an elevated temperature with an oxygen containing gas and thereafter rechlorinating the catalyst by contacting the catalyst with a halogenated inorganic oxide.*

83837. Swiss Trading Corporation. Improvements in or relating to bracelets or chains for watches. Accepted on 18th November 1963.

*A connector member or link on either side of the sheath embracing the frame, a spring member located within each frame and embraced by said sheath, each said connector or link engaging at its one end the spring and at its other end adjacent transverse member of the adjoining member.*

83986. Amar Dye-Chem Ltd. A process for the manufacture of new triazine derivative dyes and dyeing process therewith. Accepted on 21st November 1963.

*2-naphthylamine 4, 8-disulphonic acid is diazotised and coupled with 5-pyrazolone and the formed azo dye is condensed with cyanuric chloride.*

84079. Pohligh-Heckel-Bleichert Vereinigte Maschinenfabriken A. G. Improvements relating to aerial ropeways. Accepted on 19th November 1963.

*The carrying rope being equipped with a rail serving as support for the wheels of the running gears.*

84215. Libbey-Owens-Ford Glass Company. Mounting and method of installation of windows in an automobile. Accepted on 21st November 1963.

*Characterised by positioning the window in the frame, forcing a liquid rubber-like material between the marginal edge portions of the window and walls of the frame and curing the rubber-like material.*

84279. Deering Milliken Research Corporation. Transfer arrangement for bobbins, quills or the like. Accepted on 22nd November 1963.

*Comprising a flexible endless band having pockets formed in its outer surface for receiving and holding bobbins and the like spaced means to form at least two runs of said band and band and bobbin guiding means.*

84322. D. N. Dastoor. Improvements in or relating to carding machines. Accepted on 16th November 1963.

*Comprising two perforated plates located one above the other, below the licker in and connected to a suction channel including a suction pump to exhaust air sucked in on to a rotating perforated cylinder.*

84493. National Distillers and Chemical Corporation. Extruded thermoplastic films and method and apparatus for producing same. Accepted on 18th November 1963.

*Extruding a molten thermoplastic material as film sheets and simultaneously extruding said material to form a pair of substantially semicircular bead portions integrally joined to each sheet along opposite longitudinal portions.*

84542. E. I. du Pont de Nemours and Company. Melt-spun filaments. Accepted on 18th November 1963.

*Antistatic oriented melt-spun polyamide filament is uniformly admixed with at least 2% by weight of a poly (alkylene ether) capped by one or more ether end groups.*

84556. Compagnie De Saint Gobain. Improvements in or relating to the preparation of vinyl chloride copolymers. [Addition to No. 77335]. Accepted on 20th November 1963.

*Co-polymerising monomeric vinyl chloride and vinyl carbazole in presence of a trialkyl boron monoamine.*

84558. Aktiebolaget Svenska Flaktfabriken. Arrangement in rapping mechanisms for emission electrodes in electrical precipitators. Accepted on 16th November 1963.

*Characterised in that the insulating shaft is surrounded by a chamber connected to the precipitator wall and open towards the precipitator housings.*

84706. Ciba Limited. Disazo dyestuffs and process for their manufacture. Accepted on 22nd November 1963.

*A di or tri-halogenated triazine or a trihalogenated pyrimidine is condensed with an amino-disazo dyestuff.*

84839. Ciba Limited. Photographic materials for the silver dyestuff bleaching process. Accepted on 21st November 1963.

*Containing on a support a layer having one yellow dyestuff.*



84855. R. H. Abplanalp. Means for dispensing heated aerosols. Accepted on 18th November 1963.

*Container having a tubular discharge stem to which being connected an outlet passage, a part of the passage being of heat conductive material associated with an electric heating element.*

84964. Ciba Limited. Vat dyestuffs, process for their manufacture and use. Accepted on 20th November 1963.

*Sulfonating with chlorosulfonic acid and tertiary base, 5, 5'-diamino-1, 1'-anthrilmide carbazole.*

85227. British Nylon Spinners Limited. Process and apparatus for joining yarns. (23rd November 1961). Accepted on 18th November 1963.

*Securing against axial movement a portion of each of the yarns in stationary overlapping relationship and agitating the filaments of said overlapping yarns with a turbulent flow of gas within a confined space.*

85241. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing ceramic articles by sintering preformed bodies and ceramic articles thus manufactured. Accepted on 18th November 1963.

*Sintering being carried out in fluid bed which is supported by granular material which is stable at sintering temperature.*

85366. Nabendu Das, S. N. Sinha and J. Prasad. A process of preparing a coagulant for treatment of water and waste water. Accepted on 18th November 1963.

*Grinding strychnos potatorum, boiling the ground strychnos potatorum in water, and churning the boiled product.*

85496. Aktiebolaget Separator. Conical evaporator. [Divisional date 21st February 1962]. Accepted on 21st November 1963.

*Characterized in that every second channel constituted by two conical disks and their inwardly and outwardly directed flanges is provided with a marginal gasket between the flanges at the free edges of the inwardly directed flanges in such way that each such channel forms a closed chamber.*

85497. Aktiebolaget Separator. Housing for a conical evaporator. [Divisional date 21st February 1962]. Accepted on 21st November 1963.

*Characterized in that the housing surrounds the conical evaporator and that it is provided with two chambers separated from each other, whereof one of them communicates with the channels for one of the media and the other one communicates with the channels for the other medium.*

85498. Aktiebolaget Separator. Multi-stage conical evaporator. [Divisional date 21st February 1962]. Accepted on 21st November 1963.

*Characterized in that the conical evaporator is divided in two or more stages by means of one or more partitions each of which forming a conical evaporator by itself and in that the conical evaporator stages are arranged in a common housing which is provided with chambers separated from each other.*

85644. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Thermoplastic and elastomeric copolymers containing fluorine. Accepted on 22nd November 1963.

*A mixture of 95 to 5 parts by weight of vinylidene fluoride and 5 to 95 parts by weight of 1:1:3:3:3-pentafluoropropylene are reacted in solution, emulsion or suspension in the presence of a free radical polymerisation initiator.*

86229. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for improving the tinctorial characteristics of fibres prepared from mixes of synthetic polymers and articles

thus obtained. Accepted on 20th November 1963.

*Treating with salt of a metal belonging to group I, II, III, IV, VII or VIII of the Periodic Table.*

86608. Shell Internationale Research Maatschappij N. V. Process for the dewaxing of a wax-containing hydrocarbon oil. Accepted on 20th November 1963.

*Effecting wax precipitation in presence of a co-polymer derived from  $C_2-C_6$  olefin and from a mono-unsaturated ester of a  $C_6-C_8$  aliphatic monohydric alcohol and  $C_7-C_8$  fatty acid.*

89551. Canada Iron Foundries Limited. Rail road maintenance device. [Divisional date 28th February 1962]. Accepted on 16th November 1963.

*Comprises a vehicle, a tamping head mounted at one end of the vehicle and position sensing switch means adapted to engage with a reference on the track to operate a control circuit including means to ensure that the correct reference has been engaged.*

### Opposition Proceedings

(1)

The application for patent No. 77411 made by W. R. Schmitz in respect of which an opposition was entered by Ing. A. Maurer S. A. as notified in part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

(2)

The application for patent No. 77411 made by W. R. Schmitz in respect of which an opposition was entered by Juggilal Kamlapat Cotton Spinning & Weaving Mills Co. Ltd., as notified in part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

(3)

The application for patent No. 77411 made by W. R. Schmitz in respect of which an opposition was entered by Travancore Rayons Limited, as notified in Part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

(4)

The application for patent No. 77411 made by W. R. Schmitz in respect of which an opposition was entered by The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., as notified in part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

(5)

The application for patent No. 77411 made by W. R. Schmitz in respect of which an opposition was entered by The National Rayon Corporation Ltd., as notified in part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

(6)

The application for patent No. 77511 made by W. R. Schmitz in respect of which an opposition was entered by Ing. A. Maurer S. A. as notified in Part III, Section 2 of the Gazette of India, dated the 5th October, 1963, has been treated as abandoned.

(7)

The application for patent No. 77511 made by W. R. Schmitz in respect of which an opposition was entered by Juggilal Kamlapat Cotton Spinning & Weaving Mills Co. Ltd., as notified in Part III, Section 2 of the Gazette of India, dated the 5th October, 1963, has been treated as abandoned.

(8)

The application for patent No. 77511 made by W. R. Schmitz in respect of which an opposition was entered by The National Rayon Corporation Ltd., as notified in Part III, Section 2 of the Gazette of India, dated the 5th October, 1963, has been treated as abandoned.

(9)

The application for patent No. 77511 made by W. R. Schmitz in respect of which an opposition was entered by Travancore Rayons Limited, as notified in Part III, Section 2 of the Gazette of India, dated the 5th October, 1963, has been treated as abandoned.



(10)

The application for patent No. 77511 made by W. R. Schmitz in respect of which an opposition was entered by The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., as notified in Part III, Section 2 of the Gazette of India, dated the 5th October, 1963, has been treated as abandoned.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that American Viscose Corporation of 1617 Pennsylvania Boulevard, Philadelphia, Pennsylvania, United States of America, a corporation organized and existing under the laws of the State of Delaware, one of the United States of America, seek leave to amend the name of the Applicant in the application, specification and drawings in respect of Patent application No. 79927. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Montecatini Società Generale Per L'Industria Mineraria E Chimica, of 1-2, Largo Guido Donegani, Milan, Italy, an Italian Company, seek leave to amend the description in the specification in respect of Patent application No. 79959. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Myron Cohen, a citizen of the United States of America, presently residing at 333 East 43rd Street, New York 17, New York, United States of America, and formerly of 24 West 89th Street, New York, New York, United States of America, seek leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of Patent application No. 84327. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

The amendment proposed by John Risdon Amphlett & another in respect of Patent application No. 79452 as advertised in the Gazette of India Part III, Section 2 dated the 10th August 1963 has been allowed.

(5)

The amendment proposed by Accumulatoren-Fabrik Aktiengesellschaft in respect of Patent application No. 79744 as advertised in the Gazette of India Part III, Section 2 dated the 10th August 1963 has been allowed.

(6)

The amendment proposed by Accumulatoren-Fabrik Aktiengesellschaft in respect of Patent application No. 79853 as advertised in the Gazette of India Part III, Section 2 dated 17th August 1963 has been allowed.

(7)

The amendment proposed by Accumulatoren-Fabrik Aktiengesellschaft in respect of Patent application No. 79854 as advertised in the Gazette of India Part III, Section 2 dated 17th August 1963 has been allowed.

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(8)

The amendment proposed by Celanese Corporation of America in respect of Patent application No. 80609 as advertised in the Gazette of India Part III, Section 2 dated the 17th August 1963 has been allowed.

(9)

The amendment proposed of Chiksan Company in respect of Patent application No. 80892 as advertised in the Gazette of India Part III, Section 2, dated the 3rd August 1963, has been allowed.

(10)

The amendment proposed by Continental Oil Company in respect of Patent application No. 84794 as advertised in the Gazette of India Part III, Section 2 dated the 10th August 1963 has been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

#### IBM World Trade Corporation.

40750.	47295.	49614.	50769.	51580.	51922.	51956.
52340.	52567.	52752.	53077.	53514.	53515.	53516.
53596.	54539.	55395.	62269.	62661.	63288.	65972.
69632.	70510.	72208.	72254.			

#### Renewal Fees Paid

40600.	40613.	40641.	40757.	40961.	41863.	42117.
42286.	42380.	42486.	42586.	42645.	42680.	42915.
43735.	44100.	44200.	44263.	44292.	44345.	44349.
44506.	44609.	44695.	44698.	45129.	45130.	45606.
46295.	46317.	46413.	46443.	46484.	46587.	46676.
46849.	46903.	48582.	48654.	48716.	48741.	48887.
48984.	48998.	49130.	50750.	50762.	50764.	50795.
50825.	50868.	50913.	50963.	51087.	51135.	51210.
51264.	51370.	51928.	52587.	53185.	53214.	53224.
53244.	53245.	53246.	53247.	53289.	53290.	53387.
53390.	53476.	53649.	53717.	53781.	53765.	53870.
54105.	54243.	55083.	55139.	55583.	55664.	55942.
55956.	55967.	56029.	56043.	56063.	56075.	56077.
56129.	56206.	56240.	56305.	56313.	56328.	56391.
56414.	56598.	56888.	56914.	57402.	58360.	58425.
58558.	59024.	59044.	59062.	59093.	59133.	59179.
59195.	59222.	59244.	59245.	59263.	59293.	59305.
59307.	59319.	59331.	59332.	59333.	59334.	59358.
59384.	59435.	59444.	59445.	59485.	59573.	59617.
59618.	59628.	59634.	59636.	59654.	59681.	59733.
59764.	59765.	59882.	59922.	60100.	60156.	60366.
60367.	60368.	60369.	61218.	61535.	61899.	62362.
62363.	62423.	62460.	62471.	62472.	62485.	62499.
62515.	62516.	62569.	62592.	62600.	62638.	62813.
62815.	62816.	62817.	62818.	62863.	62890.	62899.
62918.	62974.	63032.	63175.	63176.	63237.	63446.
63455.	63456.	63457.	63572.	63609.	64051.	64282.
65578.	65987.	66057.	66062.	66063.	66091.	66104.
66166.	66167.	66168.	66169.	66180.	66194.	66195.
66243.	66244.	66245.	66255.	66283.	66363.	66393.
66422.	66442.	66483.	66551.	66705.	66773.	66774.
66776.	66816.	66812.	66849.	66861.	67084.	67085.
67079.	67094.	67682.	67959.	69245.	69315.	69707.
69712.	69734.	69766.	69769.	69800.	69855.	69931.
69940.	69999.	70043.	70076.	70082.	70100.	70105.
70118.	70133.	70134.	70202.	70212.	70213.	70229.
70238.	70295.	70349.	70350.	70351.	70360.	70446.
70519.	70534.	70545.	70595.	70621.	70622.	70699.
70993.	71082.	71132.	71179.	71623.	71958.	72353.
73091.	73627.	74005.	74025.	74268.	74269.	74312.
74421.	74433.	74434.	74521.	74588.	74636.	74773.
75479.	76459.					

**RENEWAL FEES PAID** in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

### KASHMIR PATENTS

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#### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 47321—Shavax Kharshedji Karanjia.

The patent ceased on the 5th October 1956 owing to non-payment of the renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 28th September 1957. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th January, 1964.

(2)

Notice is hereby given that an application has been made under Section 16, of the Indian Patents and Designs Act, 1911, for the Restoration of the following patent :

No. 63370—Mohd. Rafiq.

The patent ceased on the 11th March 1963 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated 20th July 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th January 1964.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :

No. 66368—Dawarka Dass Mehra.

The patent ceased on the 9th January 1963 owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated 6th July 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at The Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th January, 1964.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 118320. The Singer Manufacturing Company, Elizabeth, New Jersey, United States of America. A Corporation organised under the laws of the State of New Jersey, United States of America, "A stand for sewing machine", June 6, 1963.

Class 1. No. 118321. The General Electric Company Limited, 1, Stanhope Gate, London, W. 1, England, a company incorporated under the Laws of England, "Electric iron", December 6, 1962 (United Kingdom).

Class 1. No. 118368. Moradabad General Art Metal Mills, Indian partnership concern, Bhatti Street, Moradabad, U.P., "Tray", June 12, 1963.

Class 1. No. 118370. The General Electric Company Limited, Glen House, Stag Place, Victoria,

London, S.W. 1, England, a company incorporated under the Laws of England, "Electric fan heater", December 12, 1962 (United Kingdom).

Class 1. No. 118557. The General Electric Company Limited, Glen House, Stag Place, Victoria, London, S.W. 1, England, a company incorporated under the Laws of England, "Electric fan heater", January 11, 1963 (United Kingdom).

Class 1. No. 118565. Tahira Industries (India) Private Limited, 19/21, Manohardas Street, Opposite G.P.O., Bombay-1, Maharashtra, India, an Indian Company, "Piston Pump", July 4, 1963.

Class 1. No. 118600. Kodil Hussain, Indian Subject, Ebrahim Building, 98, Mohamedali Road, Bombay 3, Maharashtra, India, "A milk urn within a tea urn", July 10, 1963.

Class 1. No. 118601. Kodil Hussain, Indian Subject, Ebrahim Building, 98, Mohamedali, Road, Bombay-3, Maharashtra, India, "Lid with handle", July 10, 1963.

Class 1. Nos. 118707 and 118708. Kalpanadevi Mohanlal Dawda, 58-A, Bhatia Bldg., 4th floor, Off Shree Cinema, Bombay 16, Maharashtra State, Indian nationality, "Constructional elements", July 17, 1963.

Class 1. No. 119028. Durga Metal Works, Shahdara (Delhi) India, Indian concern, "Tiffin box", August 16, 1963.

Class 1. No. 119065. Madhav Vishnu Shiddhaye and Mrs. Shamala Madhav Shiddhaye, Indian Subjects, Thakoor Wadi, 2nd Floor, Opposite Kirti College, Kashinath Dhuru Road, Off Cadell Road, Dadar (West), Bombay-28, Maharashtra, India, "Cocoanut shredders", August 19, 1963.

Class 1. No. 119098. Kiran Engineering Works, Batala (Punjab), Indian partnership concern, "Feed mixer", August 23, 1963.

Class 3. No. 118773. Bombay Toys, An Indian Partnership firm, 212, Carnac Road, Bombay-2, Maharashtra, India, "Toy bridge", July 24, 1963.

Class 3. No. 118774. Bombay Toys, An Indian Partnership, 212, Carnac Road, Bombay-2, Maharashtra, India, "Toy steering wheel", July 24, 1963.

Class 3. Nos. 118913 and 118914. Harbans Singh Mytharow, Kot Kishan-Chand, Jullundur City, (Punjab), Indian Subject, "Musical instruments", July 31, 1963.

Class 3. No. 118993. United Importers Corporation, Indian Partnership firm, 15/2, Palton Road, Bombay-1, (Maharashtra), "Salt callar", August 9, 1963.

Class 3. No. 119270. Balsara & Co., Pvt. Ltd., an Indian Private Limited Company, 45, Meadows Street, Bombay-1, Maharashtra, India, "Hanger type container", August 27, 1963.

Class 3. No. 119348. B. K. Shaw Industries Private Limited, P-3, B. K. Paul Avenue, Calcutta-5, State of West Bengal, Indian, an Indian Private Limited Company, "A flask", August 30, 1963.

Class 3. No. 119588. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay-5, Maharashtra State, India, of Indian Nationality, "A container", September 16, 1963.

Class 5. No. 117785. Ram Nath and Devki Nanda, 86, New Central Market, (Shankar Market), New Delhi, Indian Nationals, "Game board", April 17, 1963.

Class 5. No. 118046. Manjit Singh, Indian, Roshan Ara Road, Delhi-6, "Label", May 4, 1963.

Class 5. No. 118064. Precedent Electrical Manufacturing Co., Indian Partnership firm, Krishna Kuni, No. 3, Near Mahim Post Office, Mogul Lane, Bombay-16 (Maharashtra), "Labels", May 9, 1963.

- Class 5. No. 118743. Shivaraj Tobacco Co., Roti Godam, Kanpur (U.P.) India, Indian sole proprietary concern, "Label", July 20, 1963.
- Class 5. No. 119075. Shamshi Dawakhana, Tanda (U.P.), India, Indian sole proprietary concern, "Carton", August 22, 1963.
- Class 5. No. 119099. Ravi Industries, Indian Firm, Janimal Building, Kasar Galli, Nagpur-2, (Maharashtra), "Labels", August 24, 1963.
- Class 5. No. 119350. Indian Chemical Company, P.O. Maunath Bhanjan Distt. Azamgar, U.P., (Indian partnership concern), "Labels", August 30, 1963.
- Class 5. No. 119389. Devi Chand Aggarwal, Mandi Road, Jullundur City, Punjab State, Indian by Nationality, "Carton", September 2, 1963.
- Class 13. No. 119024. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", August 16, 1963.
- Class 13. No. 119074. Shree Ganesh Dyeing & Printing Works, Kalachowky Road, Bombay-33, Nationality : Indian business concern (Partnership concern), "Textile goods including silks and art silk piece goods", August 22, 1963.
- Class 13. Nos. 119096 and 119097. Sovrin Knit Works, 18-Lawrence Road, Amritsar, a registered Indian firm, "Textile goods", August 23, 1963.
- Class 13. Nos. 119589 to 119597. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6-Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", September-17, 1963.
- Class 13. Nos. 119633 to 119643. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6-Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", September-23, 1963.
- Class 13. No. 119661. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay, Maharashtra State, "Textile goods", September 25, 1963.
- Class 13. No. 119665. Hindustan Name Labels & Lace Co., Hemlanagar, Mathura Road, Faridabad (Punjab), Indian partnership firm, "Woven design on textile goods", September 26, 1963.
- Class 13. Nos. 119666 to 119671. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", September 26, 1963.
- Class 13. Nos. 119672 and 119673. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, Vasant Vijay, 470/471, Worli Road, Bombay-18 (India), "Textile goods", September 27, 1963.
- Class 13. No. 119799. The Elphinstone Dye Works Private Ltd., 400-Cadell Road, Bombay-28-DD, Indian Co., "Art. silk, silk and cotton piecegoods", October 7, 1963.
- Class 13. No. 119802. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", October 7, 1963.
- Class 13. No. 119803. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", October 7, 1963.
- Class 13. Nos. 119860 and 119861. Shree Ganesh Dyeing & Ptg. Works, Kalachowky Road, Bombay-33, Nationality : Indian Business concern (Partnership concern), "Textile goods including silks and art silk piece goods", October 15, 1963.
- Class 13. No. 119882. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", October 18, 1963.
- Class 14. Nos. 119018 to 119023 and 119025 to 119027. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", August 16, 1963.

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